

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 2001293799  
PUBLICATION DATE : 23-10-01

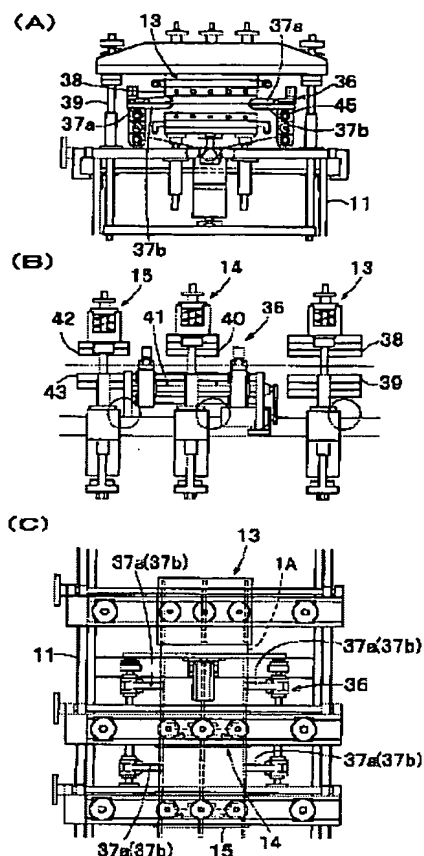
APPLICATION DATE : 13-04-00  
APPLICATION NUMBER : 2000111716

APPLICANT : KANAI SEISAKUSHO:KK;

INVENTOR : MATSUMOTO TAKEO;

INT.CL. : B31B 23/64 B31B 23/10 B65D 33/14  
B65D 33/38

TITLE : CONTINUOUS BAG MAKING METHOD  
AND DEVICE THEREFOR



ABSTRACT : PROBLEM TO BE SOLVED: To prevent an inflation tube from being stretched during its transfer and make it possible to fabricate the tube with high precision, when a baglike container is manufactured of the tube.

SOLUTION: This continuous bag making device first thermally seals both side end parts of the inflation tube 1A to be continuously molded into a cylindrical form and a specified position in the width direction of the tube 1A and sequentially molds the tube 1A into a baglike container 1 by cutting the tube 1A in the width direction during a tube transfer process. Further, the device is equipped with a heat-sealing means 13 which thermally seals both side end parts and parts at a specified interval in the width direction of the tube 1A and a nipping and transfer means 36 which intermittently transfers the tube 1A, nipping both side end parts thereof across the entire cutting means 16 which cuts the tube 1A at a specified position in the width direction, in a transfer route for the inflation tube 1A. In addition, the nipping and transfer means 36 is constituted of a plurality of paired nipping members 37A, 37B which nip and hold the side end parts of the tube 1A and a nipping member moving means 44 which transfers the tube 1A to a following process by moving the nipping members 37A, 37B across a specified distance.

COPYRIGHT: (C)2001,JPO